

Work Order ID 72518

Wednesday, July 27, 2011 3:14:40 PM

Page 1

Item ID: D350-794-013

Accept

Setup Start

Revision ID:

Stop

Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011 Start Qty: 1.00

Required Date: 8/8/2011 Req'd Qty: 1.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date: 11-08-27 Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN-D350-794

C

100



DC

Document Control

DOCUMENT CONTROL

0.00

Memo

0.00

Photocopy bluefile & type labels per PPPD350-794-013

CHG001

8/10/08/31

for CL 11-8-30

110



Packaging

Packaging

Pick Kit

0.00

Memo

0.00

10 JB 11/08/08 (1)

120



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

Memo

0.00

8/10/08/31

(40)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Item ID: D350-794-013

Accept



Setup Start



Revision ID:

Item Name: Auxiliary Fuel Tank Provisions

Stop



Start Date: 7/27/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 8/8/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130



Packaging

0.00

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPPD350-794-013

Location: _____

PPP Rev: A

11/8/29

140



QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

11/8/31

ME 11-08-31

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Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions



Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.05.20 as per ecn10-562 DD verf:EC
 11.02.11 chg qty AN525-832R6 DD verf:EC
 adjusted pick list EC verified by DD
 IPP Rev:A
 IPP Rev C 11.06.06

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4022-041 Fuel Transfer Pump Assembly		Manufactured	No			110	Each	1.0000	1	1		7/27	C
--	--	--------------	----	--	--	-----	------	--------	---	---	--	------	---

Location Loc Qty Loc Code

ST139d 1
67652 1

D4002-5 Hose Assembly		Manufactured	No			110	Each	3.0000	1	1		7/27/08	C
------------------------------	--	--------------	----	--	--	-----	------	--------	---	---	--	---------	---

Location Loc Qty Loc Code

ENG 2
55636 2
ST193 1
71185 1

D4003-047 Fuel Pump Inlet Pipe		Manufactured	No			110	Each	2.0000	1	1		7/25/06	C
---------------------------------------	--	--------------	----	--	--	-----	------	--------	---	---	--	---------	---

Location Loc Qty Loc Code

ST193 2
67720 2

D4002-7 Hose Assembly		Manufactured	No			110	Each	3.0000	1	1		7/27/08	C
------------------------------	--	--------------	----	--	--	-----	------	--------	---	---	--	---------	---

Location Loc Qty Loc Code

ST193 3
71186 3

W/O:		WORK ORDER CHANGES					
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Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

S	AN832-6D	Purchased	No	110	Each	10.0000	1	1	✓	118503 JB	LB
	UNION										
				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>					
				ST333	10						
				117909	10						
S	AN924-6D	Purchased	No	110	Each	22.0000	2	2	✓	JB	LB
	Nut										
				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>					
				ST335	22						
				117909	8						
				118422	14						
S	NAS1149D0963J	Purchased	No	110	Each	120.0000	2	2	✓	118422	JB
	Washer										LB
				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>					
				ST298	120						
				116683	70						
				118078	50						
S	AN815-6D	Purchased	No	110	Each	27.0000	2	2	✓	JB	11/08/05 LB
	Union-M-Flare										
				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>					
				ST329	27						
				117514	1						
				118090	16						
				118368	10						
										118368	

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Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

MS29512-06

Purchased

No

110

Each

28.0000

-2

1/2



O-RING



11/8/03

JB

Location

Loc Qty

Loc Code

ST294

28

117946

18

118078

10

D4022-3

Manufactured

No

110

Each

7.0000

1

1



Fuel Pump Mounting Bracket



JB

JB

Location

Loc Qty

Loc Code

ENG

1

55197

1

ST450

4

72242

4

ST453

2

66460

2

AN3-4A

Purchased

No

110

Each

581.0000

2

2



Bolt



JB 11/08/03

Location

Loc Qty

Loc Code

ST350

581

104291

281

104625

300

104291

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Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

MS21042-3
Purchased No
USE MS21042L3

110 Each 118.0000 9 9

Location	Loc Qty	Loc Code
ST299	118	
111650	12	
114597	100	
6931	6	

114597

AN970-3
Purchased No
Washers

110 Each 104.0000 2 2

Location	Loc Qty	Loc Code
ST349	104	
115158	4	
117395	100	

117395

D4008-043
Manufactured No
Fuel Pump Splash Guard Assembly

110 Each 4.0000 1 1

Location	Loc Qty	Loc Code
ST109	4	
66458	4	

66458

D4004-7
Manufactured No
Hose Clip

110 Each 6.0000 1 1

Location	Loc Qty	Loc Code
GA	6	
69337	6	

69337

11/08/05

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W/O:		WORK ORDER CHANGES					
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Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

AN525-10R6

Purchased

No

110

Each

70.0000

4

4

Screw

Location

Loc Qty

Loc Code

ST325

70

113524

70

D4001-3

Manufactured

No

110

Each

5.0000

1

1

Fitting

Location

Loc Qty

Loc Code

ST105

5

69501

5

CR3212-5-5

Purchased

No

110

Each

58.0000

7

7

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

58

115156

58

CR3213-4-3

Purchased

No

110

Each

68.0000

18

18

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

68

116583

68

CR3212-4-3

Purchased

No

110

Each

0.0000

4

4

Cherry Rivet

JB LU
113524
JB LU
69501
JB LU
115156
18
118503 JB LU
116583
4
114859 JB 11/08/05

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Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

MS20470AD4-6

Purchased

No

110

Each

2,259.000

12

12

✓



Rivet, Universal Head

Location

Loc Qty

Loc Code

ST319

2259

117395

748

117887

1511

117395

MS20470AD3-4

Purchased

No

110

Each

9,124.000

32

32

✓



Rivet, Universal Head

Location

Loc Qty

Loc Code

ST319

9124

111477

8332

15541

792

15541

MS20470AD5-6

Purchased

No

110

Each

1,264.000

16

16

✓



Rivet

Location

Loc Qty

Loc Code

ST320

1264

105433

1264

105433

MS20470AD5-8

Purchased

No

110

Each

738.0000

6

6

✓



Rivet

Location

Loc Qty

Loc Code

ST320

738

114988

738

114988

11/08/05

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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

CR3213-5-2

Purchased

No

110

Each

48.0000

9

9

✓

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

48

115266

48

110

Each

66.0000

6

6

115266

JB

CR3212-5-4

Purchased

No

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

66

115158

66

110

Each

85.0000

3

3

115158

JB

CR3212-5-3

Purchased

No

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

85

115158

85

110

Each

41.0000

10

10

115158

JB

CR3212-5-2

Purchased

No

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

41

115158

41

110

Each

54.0000

2

2

115158

JB

MS21919-WDG8

Purchased

No

Clamp

Location

Loc Qty

Loc Code

ST307

54

100202

54

100202

11/08/05

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W/O:		WORK ORDER CHANGES					
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Work Order ID: 72518

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Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

D4003-11 Manufactured No

110

Each

5.0000

1

1



Vent Pipe - Tank



JB

Location

Loc Qty

Loc Code

ST105

5

115600

1

71706

4

71706

D4003-049 Manufactured No

110

Each

4.0000

1

1



Tank Vent Line Assembly



JB

Location

Loc Qty

Loc Code

ST193

4

66850

4

66850

D4027-043 Manufactured No

110

Each

2.0000

1

1



Hose Clamp Assembly



1

72600

JB

Location

Loc Qty

Loc Code

ST451

2

115600

2

D4063-3 Manufactured No

110

Each

4.0000

1

1



Hose



JB

Location

Loc Qty

Loc Code

ST187

4

69504

4

69504

2000-8S Purchased No

110

Each

8.0000

2

2



Hose Clamp



JB 11/08/05

Location

Loc Qty

Loc Code

ST448

8

117511

8

117511

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Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

NAS43DD3-32N

Purchased

No

110

Each

9.0000



Spacer



11850323

[Signature]

Location

Loc Qty

Loc Code

ST278

5

117505

5

ST279

4

115815

4

MS35207-267

Purchased

No

110

Each

41.0000



Screw



117395

[Signature]

Location

Loc Qty

Loc Code

ST295

41

117395

41

MS35207-264

Purchased

No

110

Each

55.0000



Screw



116997

[Signature]

Location

Loc Qty

Loc Code

ST295

55

116997

55

NAS1149D0332J

Purchased

No

110

Each

2,691.000



Washer



117087

[Signature]

Location

Loc Qty

Loc Code

ST297

1584

117087

1584

ST298

1107

105793

12

118078

95

118384

1000

117087

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Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

MS21919-WDG6

Purchased

No

110

Each

31.0000

1

1



Clamp



11/08/05

u

Location

Loc Qty

Loc Code

ST307

31

15993

20

4067

8

7637

3

15993

D4009-041

Manufactured

No

110

Each

2.0000

2

2



Bonding Braid



72443

u

Location

Loc Qty

Loc Code

ST109

2

71670

2

D4005-1

Manufactured

No

110

Each

0.0000

1

1



Rear Restraint Angle Gutter



72442

u

D4004-11

Manufactured

No

110

Each

1.0000

1

1



Top Strap Attach Bracket



72270

u

Location

Loc Qty

Loc Code

ST106

1

67725

1

D4004-5

Manufactured

No

110

Each

3.0000

1

1



Bottom Strap Attach Bracket



72603

u

Location

Loc Qty

Loc Code

ST106

3

63910

1

68504

2

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Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

MS24694-S50

Purchased

No

110

Each

164.0000

3

3



Screw



JB

Location

Loc Qty

Loc Code

ST289

150

117739

50

118078

100

ST298

14

116900

14

116900

NAS1149F0363P

Purchased

No

110

Each

150.0000

3

3



Washer



JB 11/08/05

Location

Loc Qty

Loc Code

ST275

150

113254

50

114382

100

113254

D4024-041

Manufactured

No

110

Each

1.0000

1

1



Restraint Strap



B72604 11/8/225

Location

Loc Qty

Loc Code

ST111

1

63916

1

D4004-041

Manufactured

No

110

Each

3.0000

1

1



Side Restraint Angle



72605 11/8/11

Location

Loc Qty

Loc Code

ST110

3

67722

3

Dart Aerospace Ltd

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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

D4007-3

Manufactured No

110

Each

2.0000

1

1

Support

Location

Loc Qty

Loc Code

ST107

2

66457

2

110

Each

3.0000

1

1

D4006-041

Manufactured No

Tank Top Support Assembly

Location

Loc Qty

Loc Code

ST107

3

63913

1

67721

2

110

Each

247.0000

2

2

AN4-5A

Purchased No

Bolt

Location

Loc Qty

Loc Code

ST355

202

116605

2

117508

200

ST356

45

116549

45

110

Each

125.0000

2

2

NAS1149F0463P

Purchased No

Washer

Location

Loc Qty

Loc Code

ST275

125

116702

125

B72606

72607

JB

116549

11/08/03

116702

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

D4005-041

Manufactured No

110

Each

3.0000



Fwd Floor Gutter



1
B72600 J

Location

Loc Qty

Loc Code

ST110

3

67724

3

D4063-1

Manufactured No

110

Each

6.0000



Hose



1

Location

Loc Qty

Loc Code

ENG

2

55911

2

ST187

4

69503

4

MS21919-WDG9

Purchased No

110

Each

465.0000



Clamp



1

JB

Location

Loc Qty

Loc Code

ST307

265

118234

115

118354

30

118406

120

ST309

200

118455

200

2000-6S

Purchased No

110

Each

9.0000



Hose Clamp



1

~~118455~~ 11/08/03

Location

Loc Qty

Loc Code

ST448

9

115723

4

117511

5

~~115723~~
117511

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

NAS1474-08

Purchased

No

110

Each

7.0000

3 - 3



Sealed Captive Anchor Nut



118540

CU

Location

Loc Qty

Loc Code

ST209a

2

115815

2

ST277

5

117560

5

D4005-11

Manufactured

No

110

Each

1.0000

1



Finishing Strip



72276

CU

Location

Loc Qty

Loc Code

ST106

1

55849

1

MS21059L08

Purchased

No

110

Each

285.0000

4



Nut



23

CU

Location

Loc Qty

Loc Code

ST301

285

112314

200

12706

85

AN525-832R6

Purchased

No

110

Each

52.0000

9



Screw



12706

23 11/08/03 CU

Location

Loc Qty

Loc Code

ST326

52

114884

52

114884

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

D8-603- Purchased No
ECF Fuse, 6.3 amps (HA23-6U3)

110 Each 14.0000 1 1 ✓



23 LU

Location	Loc Qty	Loc Code
ST285	14	
115677	5	
117383	9	

115677

D1-205 Purchased No
ECF Fuse, 2.5 amps (HA21-2U5)

110 Each 14.0000 1 1 ✓



LU

Location	Loc Qty	Loc Code
ST285	14	
115677	5	
117383	9	

115677

MS35058-23 Purchased No
Switch

110 Each 5.0000 1 1 ✓



23 LU

Location	Loc Qty	Loc Code
ST294	5	
116913	2	
117317	2	
117395	1	

116913

117395

107-964 Purchased No
Connector Receptacle

110 Each 0.0000 1 1 ✓



118515 11/08/03

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

107-978 Purchased No
Connector Backshell

110 Each 3.0000

1

1



M118680

[Handwritten signature]

Location

Loc Qty

Loc Code

ST398

3

117124

1

117160

2

107-943 Purchased No
Connector Plug

110 Each 3.0000

1

1



M118680

[Handwritten signature]

11/8/22

Location

Loc Qty

Loc Code

ST398

3

116685

3

MS35206-217 Purchased No
Screw

110 Each 6.0000

4

4



118503 JB

[Handwritten signature]

Location

Loc Qty

Loc Code

ST294

6

117977

6

NAS1149FN416P Purchased No
Washer

110 Each 872.0000

4

4



115698

29 11/08/03 *[Handwritten signature]*

Location

Loc Qty

Loc Code

ST275

872

101389

703

115698

169

115698

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

MS21044N04

Purchased

No

110

Each

26.0000

4

4

JB



Nut

Location

Loc Qty

Loc Code

ST301

26

115621

1

117460

25

117460

143-207

Purchased

No

110

Each

6.0000

1

JB



Plug

Location

Loc Qty

Loc Code

ST398

6

115415

4

115459

2

115415

143-208

Purchased

No

110

Each

6.0000

1

JB 11/08/03



Receptacle

Location

Loc Qty

Loc Code

ST398

6

115415

4

115514

2

115415

143-204

Purchased

No

110

Each

3.0000

1

118504 11/11/10



Receptacle Housing

Location

Loc Qty

Loc Code

ST398

3

115415

3

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

143-203
S 
Plug Housing

Purchased No

110 Each

2.0000

1

1



115504

Lu

Location

Loc Qty

Loc Code

ST398

2

115415

2

110 Each

74.0000

5

5



5

JB

Lu

143-219
S 
Crimp Pin

Purchased No

Location

Loc Qty

Loc Code

ST398

74

115459

74

110 Each

996.0000

5

5



115459

JB

Lu

143-217
S 
Crimp Socket

Purchased No

Location

Loc Qty

Loc Code

ST396

996

115415

4

115459

992

110 Each

2.0000

1

1



115459

72661

Lu

D4026-041
S 
Fuel Gauge Assembly

Manufactured No

Location

Loc Qty

Loc Code

ST111

2

67653

2

110 Each

167.0000

2

2



2

2

JB

11/08/103

NAS1149FN832P
S 
Washer

Purchased No

Location

Loc Qty

Loc Code

ST275

167

115158

167

115158

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

MS21042-08

Purchased

No

110

Each

83.0000

2

2



USE MS21042L08



JB

[Handwritten signature]

Location

Loc Qty

Loc Code

ST299

83

103668

83

444-2556

Purchased

No

110

Each

0.0000

1



Gauge Master Switch



103668

1

117304

JB

[Handwritten signature]

D4022-5

Manufactured

No

110

Each

10.0000

1



Thermal Switch



1

~~117304~~

72600

[Handwritten signature]

Location

Loc Qty

Loc Code

ENG

1

55518

1

ST110

9

64945

9

AN5800-1

Purchased

No

110

Each

4.0000

1



Placard Holder



64945

1

JB

[Handwritten signature]

Location

Loc Qty

Loc Code

ST328

4

116330

4

AN929-6D

Purchased

No

110

Each

4.0000

1



Nut



116330

1

118503 JB 11/08/03

[Handwritten signature]

Location

Loc Qty

Loc Code

ST336

4

115001

4

~~118503~~

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

8 D3997-13 Manufactured No 110 Each 4.0000 1 1 ✓
Placard

Location Loc Qty Loc Code

ST104

4

55408

4

110

Each

4.0000

1

55408

1

8 D3997-15 Manufactured No 110 Each 4.0000 1 1 ✓
Placard

Location Loc Qty Loc Code

ST104

4

55409

4

110

Each

5.0000

1

55409

1

8 D3997-17 Manufactured No 110 Each 5.0000 1 1 ✓
Placard

Location Loc Qty Loc Code

ST104

5

65125

5

110

Each

4.0000

1

65125

1

8 D3997-19 Manufactured No 110 Each 4.0000 1 1 ✓
Placard

Location Loc Qty Loc Code

ST104

4

55411

4

110

Each

3.0000

1

55411

1

8 D3997-21 Manufactured No 110 Each 3.0000 1 1 ✓
Placard

Location Loc Qty Loc Code

ST104

3

55412

3

72619

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

S	D3997-23	Manufactured	No	110	Each	3.0000	1	1	
	Placard								
				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
				ST104	3				
				55413	3				
									72620
S	D3997-25	Manufactured	No	110	Each	5.0000	1	1	
	Placard								
				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
				ST104	5				
				55414	5				
									55414
S	D3997-29	Manufactured	No	110	Each	5.0000	1	1	
	Placard								
				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
				ST104	5				
				65126	5				
									65126
S	D3997-31	Manufactured	No	110	Each	4.0000	1	1	
	Placard								
				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
				ST104	4				
				55417	4				
									55417
S	D3997-33	Manufactured	No	110	Each	3.0000	1	1	
	Placard								
				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
				ST104	3				
				55418	3				

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 72518

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 7/27/2011

Required Date: 8/8/2011

Start Qty: 1.00

Required Qty: 1.00

D3997-35
Placard

Manufactured No

110 Each

4.0000



1 1 ✓
23

Location

Loc Qty

Loc Code

ST104

4

55419

4

55419

D3997-37
Placard

Manufactured No

110 Each

4.0000



1 1 ✓
23

Location

Loc Qty

Loc Code

ST104

4

55420

4

55420

D3997-39
Placard

Manufactured No

110 Each

4.0000



1 1 ✓
23

Location

Loc Qty

Loc Code

ST104

4

55425

4

55425

D3997-41
Placard

Manufactured No

110 Each

4.0000



1 1 ✓
23

Location

Loc Qty

Loc Code

ST104

4

55421

4

55421

D3997-43
Placard

Manufactured No

110 Each

4.0000



1 1 ✓
23 11/08/03

Location

Loc Qty

Loc Code

ST104

4

65127

4

65127

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.0 ELECTRICAL LOAD

The electrical load effect for each aircraft must be assessed as follows.

Component	Load
Fuel Pump	3.00 Amps
Fuel Gauge	0.45 Amps
Fuel Sender	0.13 Amps
Total Installation	3.58 Amps = 100 Watts

5.0 WEIGHT AND BALANCE

The following is the weight increase associated with the Aux Fuel Tank Installation. Be sure to subtract the weight of any parts or material removed.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-794-011 Auxiliary Fuel Tank (AS350 models)	29.8 lb 13.5 kg	-22.0 in -0.56 m	-655.6 in-lb -7.56 m-kg	126.0 in 3.20 m	3754.8 in-lb 43.2 m-kg
D350-794-013 Auxiliary Fuel Tank Provisions (AS350 models)	5.5 lb 2.5 kg	-14.6 in -0.37 m	-80.3 in-lb -0.93 m-kg	163.4 in 4.15 m	898.7 in-lb 10.4 m-kg
D130-794-021 Auxiliary Fuel Tank (EC130 models)	29.8 lb 13.5 kg	-23.6 in -0.60 m	-703.3 in-lb -8.1 m-kg	126.0 in 3.20 m	3754.8 in-lb 43.2 m-kg
D130-794-023 Auxiliary Fuel Tank Provisions (EC130 models)	5.5 lb 2.5 kg	-16.1 in -0.41 m	-88.6 in-lb -1.03 m-kg	163.4 in 4.15 m	898.7 in-lb 10.4 m-kg

6.0 PARTS LIST

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
X					D350-794-011		AUXILIARY FUEL TANK (AS 350 SERIES)
1	X				D350-794-013		AUXILIARY FUEL TANK PROVISIONS (AS 350 SERIES)
		X			D130-794-021		AUXILIARY FUEL TANK (EC 130 SERIES)
		1	X		D130-794-023		AUXILIARY FUEL TANK PROVISIONS (EC 130 SERIES)
1		1		X	D350-794-041		TANK ASSEMBLY
				1	D4055-041	JCA/M47-1-01A	FUEL TANK
	1		1		D4022-041	A8150-B1-JCA	FUEL TRANSFER PUMP ASSEMBLY
				1	D4023-1	ER281	FUEL CAP
	1		1		D4002-5	JCA-M47-2-13	SUPPLY HOSE - FROM AUX TANK
	1		1		D4003-047	JCA-M47-2-16	FUEL PUMP INLET PIPE
	1		1		D4002-7	JCA-M47-2-25	SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK
				1	D4002-041	JCA-M47-1-13	DRAIN HOSE ASSEMBLY - FRONT
				1	D4002-043	JCA-M47-1-16	DRAIN HOSE ASSEMBLY - REAR
				2	MS20822-3D		UNION
	1		1		AN832-6D		BULKHEAD UNION
				1	AN816-6D		STRAIGHT FITTING
	2		2		AN924-6D		NUT (ALTERNATE AS5178D06)
	2		2		NAS1149D0963J		WASHER

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Revision: C

Date: 10.01.25

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
				1	MS20822-8D		90° FITTING
	2		2		AN815-6D		UNION
	2		2		MS29512-06		ORING
	1		1		D4022-3	05-00021	FUEL PUMP MOUNTING BRACKET
	2		2		AN3-4A		BOLT
	2		2		MS21042-3		NUT
	2		2		AN970-3		WASHER
	1		1		D4008-043	JCA-M47-2-29	FUEL PUMP SPLASH GUARD
	1		1		D4004-7	N3	HOSE CLIP
				2	D4009-041	JCA-M47-4-01	BONDING BRAID
				1	D4008-041	JCA-M47-2-26	AUXILIARY TANK FILLER SPLASH GUARD
	4		4		AN525-10R6		SCREW
	1		1		D4001-3	AN832-6D-JCA	BULKHEAD FITTING - MODIFIED
	7		7		CR3212-5-5		CHERRY MAX RIVET
	18		18		CR3213-4-3		CHERRY MAX RIVET
	4		4		CR3212-4-3		CHERRY MAX RIVET
	12		12		MS20470AD4-6		RIVET
	32		32		MS20470AD3-4		RIVET
	16		16		MS20470AD5-6		RIVET
	6		6		MS20470AD5-8		RIVET
	9		9		CR3213-5-2		CHERRY MAX RIVET
	6		6		CR3212-5-4		CHERRY MAX RIVET
	3		3		CR3212-5-3		CHERRY MAX RIVET
	10		10		CR3212-5-2		CHERRY MAX RIVET
							Vent Assembly Parts
	2		2		MS21919WDG-8		CLAMP
	1		1		D4003-11	JCA-M47-2-21	VENT PIPE - TANK
			1		D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
	1		1		D4003-049	JCA-M47-2-17	VENT PIPE - TANK
	1		1		D4027-043	JCA-M47-2-35	VENT CLAMP ASSEMBLY
			1		D4063-3	193-8	VENT HOSE
	2		2		2000-8S		HOSE CLAMP
	1		1		NAS43DD3-32N		SPACER
	1		1		MS35207-267		SCREW
	2		2		MS35207-264		SCREW
	3		3		NAS1149D0332J		WASHER
	3		3		MS21042-3		NUT
				3	TBA28B		CABLE TIE FASTENER
				1	TY25MX		TIE WRAP
	1		1		MS21919WDG-6		CLAMP (RUBBER REMOVED)
	1		1		D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY
							Restraint Assembly Parts
	1		1		D4005-1	JCA-M47-2-03	REAR RESTRAINT ANGLE/GUTTER
	1		1		D4004-11	JCA-M47-2-11	TOP STRAP ATTACH BRACKET
	1		1		D4004-5	JCA-M47-2-23	BOTTOM STRAP ATTACH BRACKET
	3		3		MS24694-S50		SCREW
	3		3		MS21042-3		NUT
	3		3		NAS1149F0363P		WASHER
	1		1		D4024-041	JCA/ASSO/MIN	ANCRA RESTRAINT STRAP
	1		1		D4004-041	JCA-M47-2-19	SIDE RESTRAINT ANGLE
	1		1		D4007-3	JCA-M47-2-18	TOP SUPPORT BRACKET
	1		1		D4006-041	JCA-M47-2-01	TANK TOP SUPPORT ASSEMBLY

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	2		2		AN4-5A		BOLT
	2		2		NAS1149F0463P	/	WASHER
							Locker Preparation Parts
	1		1		D4005-041	JCA-M47-2-22	FORWARD FLOOR GUTTER
	1		1		D4063-1	193-6	DRAIN HOSE
	1		1		MS21919WDG-9		CLAMP
	1		1		MS35207-264		SCREW
	1		1		NAS1149D0332J		WASHER
	1		1		MS21042-3		NUT
	1		1		2000-6S		HOSE CLAMP
	3		3		NAS1474-08		SEALED CAPTIVE ANCHOR NUT
	1		1		D4005-11	JCA-M47-2-12	FINISHING STRIP
	4		4		MS21059-L08		ANCHOR NUT
	7		7		AN525-832R6		SCREW
							Electrical Parts
	1		1		D8-603		6.3A ECF FUSE (ALTERNATE HA23-6U3)
	1		1		D1-205		2.5A ECF FUSE (ALTERNATE HA21-2U5)
	1		1		MS35058-23		SWITCH
	1		1		107-964		CONNECTOR RECEPTACLE
	1		1		107-978		CONNECTOR BACKSHELL (ALTERNATE 105-5465)
	1		1		107-943		CONNECTOR PLUG
				1	D4025-1	VDO-M47-JCA	FUEL QUANTITY SENDER
	4		4		MS35206-217	/	SCREW
	4		4		NAS1149FN416P		WASHER
	4		4		MS21044N04		NUT
			1		143-207		PLUG
	1		1		143-208		RECEPTACLE
	1		1		143-204		RECEPTACLE HOUSING (ALTERNATE 973-1490)
	1		1		143-203	/	PLUG HOUSING (ALTERNATE 973-1482)
	5		5		143-219	/	CRIMP PIN (ALTERNATE 977-3800)
	5		5		143-217	/	CRIMP SOCKET (ALTERNATE 977-3797)
	1		1		D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY
	1		1		D4026-041	FL-100-R-JCA	FUEL GAUGE
	2		2		AN525-832R6	/	SCREW - GROUND STUD
	2		2		NAS1149FN832P		WASHER
	2		2		MS21042-08	/	NUT
	1		1		444-2556		GAUGE MASTER SWITCH
	1		1		D4022-5	3775628	THERMAL SWITCH (125°) - FARNELL (ALTERNATE 100-6847)
							General
	1		1		AN5800-1		PLACARD HOLDER
	1		1		AN929-6D		BLANK CAP
							Additional EC 130 Parts
			3		MS35207-264		SCREW
			3		NAS1149D0332J		WASHER
			3		MS21042-3		NUT
			1		D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
			1		D4004-043	JCA-M47-2-04	SIDE RESTRAINT ANGLE AND TIE DOWN POINT

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Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
			1		D4005-5	JCA-M47-2-08	ANGLE
			4		D4005-7	JCA-M47-2-07	ANGLE
			1		D4005-9	JCA-M47-2-08	ANGLE
			1		D4007-1	JCA-M47-2-02	TOP SUPPORT BRACKET
			1		D4005-3	JCA-M47-2-05	FORWARD RESTRAINT BEAM
			2		AN4-6A		BOLT
			1		D4007-5	JCA-M47-2-24	PACKER
			60		MS20470AD4-4		RIVET
			30		MS20470AD4-6		RIVET
			10		CR3213-4-3		CHERRY MAX RIVET
			10		CR3213-4-2		CHERRY MAX RIVET
							Placards
	1				D3997-1	JCA-M47-P1	FUEL QUANTITY – AS 350 MODELS
			1		D3997-3	JCA-M47-P2	FUEL QUANTITY – EC 130 B4 MODEL
	1		1		D3997-5	JCA-M47-P3	AUX FUEL DRAIN
	1		1		D3997-7	JCA-M47-P4	AUX FUEL TRANSFER PUMP
	1		1		D3997-9	JCA-M47-P5	AUX FUEL
	1		1		D3997-11	JCA-M47-P6	WEIGHT AND BALANCE
	1		1		D3997-13	JCA-M47-P7	ON/OFF
	1		1		D3997-15	JCA-M47-P8	CHECK LOCKER TANK
	1		1		D3997-17	JCA-M47-P9	STOWAGE PROHIBITED
	1		1		D3997-19	JCA-M47-P10	TANK VENT
	1		1		D3997-21	JCA-M47-P13	SWITCH FIXED
	1		1		D3997-23	JCA-M47-P14	AUX FUEL
	1				D3997-25	JCA-M47-P15	CONVERSION CHART – AS 350 MODELS
			1		D3997-27	JCA-M47-P16	CONVERSION CHART – EC 130 B4 MODEL
	1		1		D3997-29	JCA-M47-P17	DO NOT OVERFILL WARNING
	1		1		D3997-31	JCA-M47-P18	ON/OFF
	1		1		D3997-33	JCA-M47-P19	AUX GAUGE FACE
	1		1		D3997-35	JCA-M47-P20	AUX FUEL GAUGE
	1		1		D3997-37	JCA-M47-P21	6.3 A CIRCUIT BREAKER
	1		1		D3997-39	JCA-M47-P22	2.5A CIRCUIT BREAKER
	1		1		D3997-41	JCA-M47-P23	AUX TANK NOT FITTED
	1		1		D3997-43	JCA-M47-P24	EARTH

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